C-I-L

C-I-L AMMUNITION

*Catalogue 24**

Wherever the World's Leading Marksmen Meet...

C-I-L AMMUNITION

Proves Its Merit

Awards won in international shooting competitions
with C-I-L Ammunition since 1952 include

1952 OLYMPIC GAMES IN HELSINKI, FINLAND

Olympic Gold Medal-Trap

✦ ✦ ✦

1952 WORLD CHAMPIONSHIPS IN OSLO, NORWAY

Silver Medal (Second Place)-Trap
Three Awards of Merit

✦ ✦ ✦

1954 WORLD CHAMPIONSHIPS IN CARACAS, VENEZUELA

Fourteen Awards of Merit

C·I·L

C-I-L AMMUNITION

"Always Dependable"

CANADIAN INDUSTRIES (1954) LIMITED • AMMUNITION DIVISION

HEAD OFFICE: MONTREAL

• • • • • • • • • • •

SALES OFFICES AT:

St. John's *Halifax* *Montreal* *Toronto*

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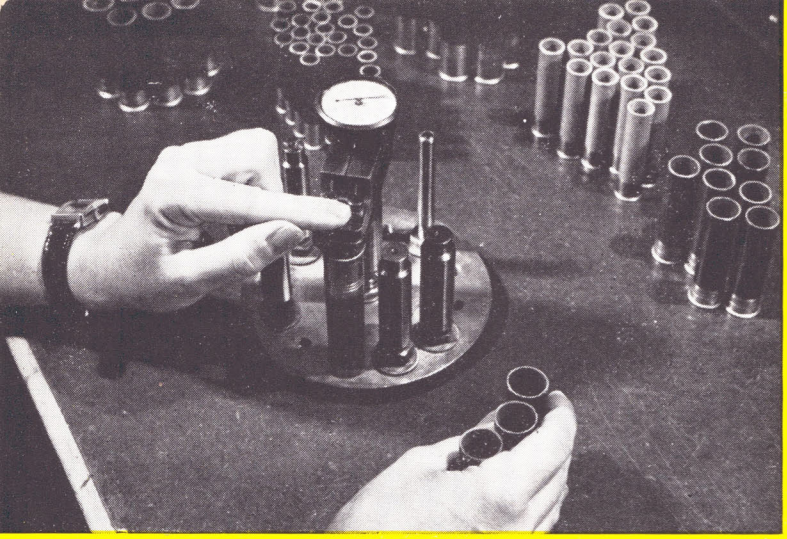
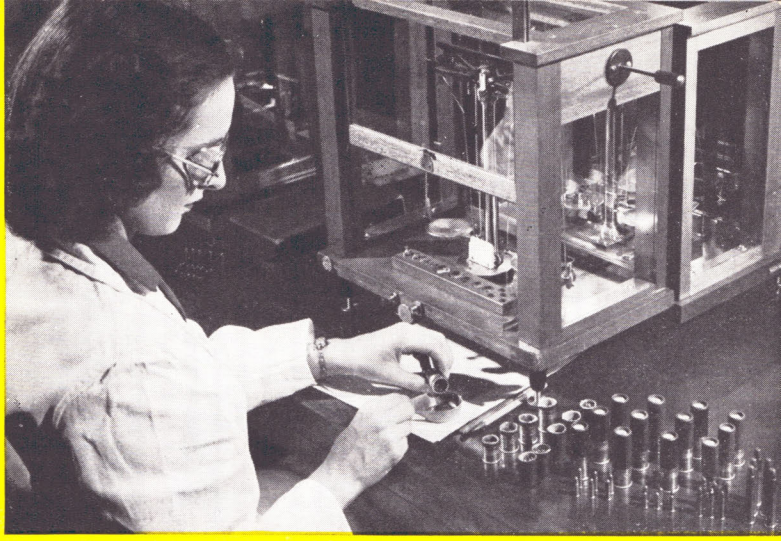


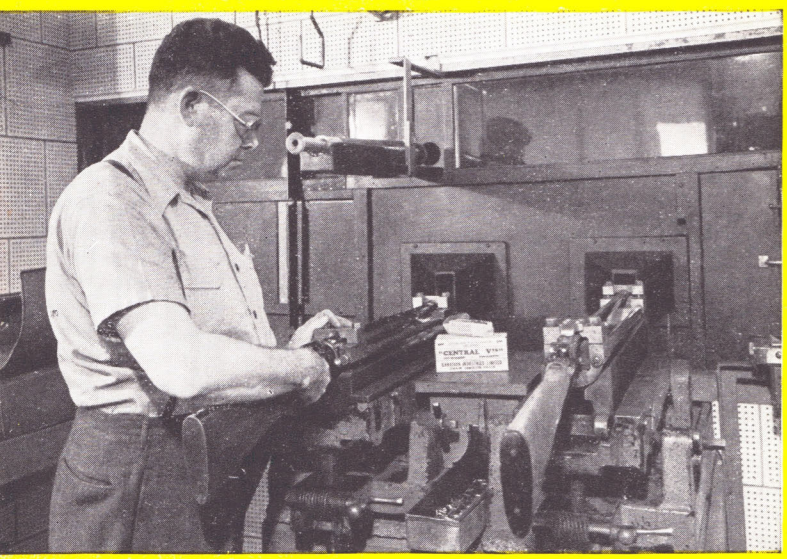
In all stages of manufacture C-I-L Ammunition is subjected to constant testing to ensure that the most exacting standards are met. Here, a dial micrometer is employed to check the compression of the basewad in a C-I-L Shot Shell.



Finished cartridges and shot shells are taken apart and checked for weight, uniformity and quality of materials and manufacture. Controls like this are typical of painstaking efforts made to assure ammunition of uniform excellence.

Why C-I-L Ammunition *is*

"Always Dependable"



Further tests are made under conditions which eliminate the variable factors of man and nature . . . changing wind and light . . . errors in position, aim, trigger squeeze and follow-through. Rifles of proven accuracy are used. These are fired in precision rests, in an indoor range under controlled temperature and humidity.

Finally thousands of rounds of ammunition are fired daily to ensure that C-I-L Ammunition lives up to its slogan of "Always Dependable". All the popular makes and models of guns are used—some new, some old and in poor repair—and C-I-L Ammunition must function safely and efficiently in each and all of them.

THIS CATALOGUE contains sporting ammunition for every purpose, made and tested by men who know fine ammunition and what it is expected to do for you. When you slip a C-I-L cartridge or shot shell into your gun, you can be sure it will meet the highest standards of performance . . . and is "Always Dependable".

HIGH QUALITY AT LOW COST

Ammunition represents but a small part of the cost of a hunting trip yet success depends on it. That is why C-I-L devotes such infinite care to the many processes required for its manufacture.

A modern shotgun shell is made up of 14 separate component parts. Except for the powder, all of these components must be processed from raw material to finished product and require approximately 140 operations. To ensure high quality performance, all parts must work as a perfect team and produce the best possible combination of velocity, energy, shot string and shot pattern.

Metallic cartridges require similar precision of manufacture. About 75 operations are required to produce a rim fire cartridge, while a centre fire rifle or pistol cartridge takes up to 135 separate operations and six weeks to complete.

C-I-L AMMUNITION IS PRECISION-MADE

An intensive system of controls and checks is designed to ensure that the extremely high performance standards set by our Ballistic Engineers are fully met. *Statistical Quality Control*, as this production system is called, provides the most up-to-date and thorough method yet devised for controlling the product quality level at each operation along the production line. It is vitally important in the manufacture of ammunition where extremely fine tolerances must be met (in many cases as little as 1-10,000 of an inch), through a wide variety of operations. This type of progressive control guarantees to the shooter the finest ammunition that modern scientific manufacturing methods can produce.

PROVED ON RANGE AND FIELD

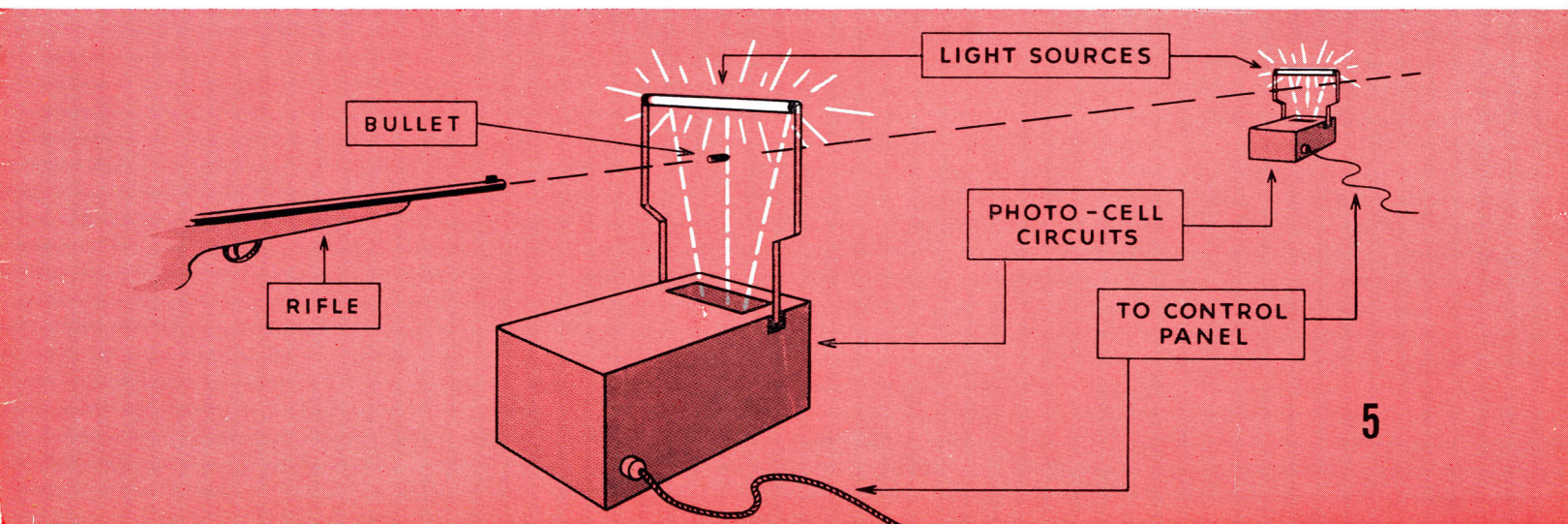
Testing, however, does not stop at the end of the production line. Shot shells and cartridges are taken at random and subjected to a series of performance tests; some are fired through guns and rifles set in fixed rests to check accuracy and velocity, while others are fired in pressure guns. Still others go to expert marksmen who report upon their performance under field conditions. In these tests, all kinds and conditions of guns and rifles are used in order to ascertain exactly how they will function in the types of firearms in general use.

It is not surprising that the testing and gauging of ammunition is one of the most expensive items in its cost of manufacture; that this policy is sound is proved by the confidence that Canadian sportsmen have in C-I-L Ammunition under all shooting conditions.

C-I-L RESEARCH

Among developments which have come about in recent years are "Pressure-Sealed Crimp" Shot Shells, Oilproof Primers and "Kling-Kor" Soft Point Bullets. These, and the now familiar Waterproofed Shot Shells—finished with C-I-L Special Shot Shell Lacquer, "Super-Clean" Non-corrosive Priming and Dry Lubricated 22's are only a few of the many reasons why C-I-L Ammunition is synonymous with *dependability* to shooters everywhere.

Bullet velocities are checked and measured by means of the Electronic Counter Chronograph. This electronic device, one of the most recent achievements in the science of Ballistics, can measure the speed of a bullet to within a hundred-thousandth part of a second.



C-I-L SHOT SHELLS

DESIGNED TO DELIVER THE POWER AND PERFORMANCE YOU WANT

Down in the marsh at early dawn when the ducks come soaring over; tramping through the bush to surprise the partridge dusting in the sunlit patches; at dusk, trailing campward with another good day's sport behind you. Whatever the time of day, whatever the game, the thrill of shooting lifts a man above himself.

It's a never-ending contest—your wits and skill against the instincts of the wild. In this, the choice of ammunition plays an important part. C-I-L Shot Shells have everything a shooter looks for in fine ammunition. They are designed and tested by men who have tramped the woods as well as watched the test instruments —men who know from experience what a sportsman needs. That is why they are "Always Dependable" in the field. They put a plus to your accuracy—to your success.

★ ★ ★

THERE'S 20% MORE SHOT IN THE NEW "IMPERIAL" MAGNUM LOAD

You can be sure of more kills, fewer cripples with the new "Imperial" Magnum 12 gauge (2¾ inch) shot shell loaded with either No. 2 or No. 4 shot. The denser, more effective pattern gives you smashing power at long ranges; yet these shells are safe to use in any modern gun in good condition and chambered for 2¾ inch shells.

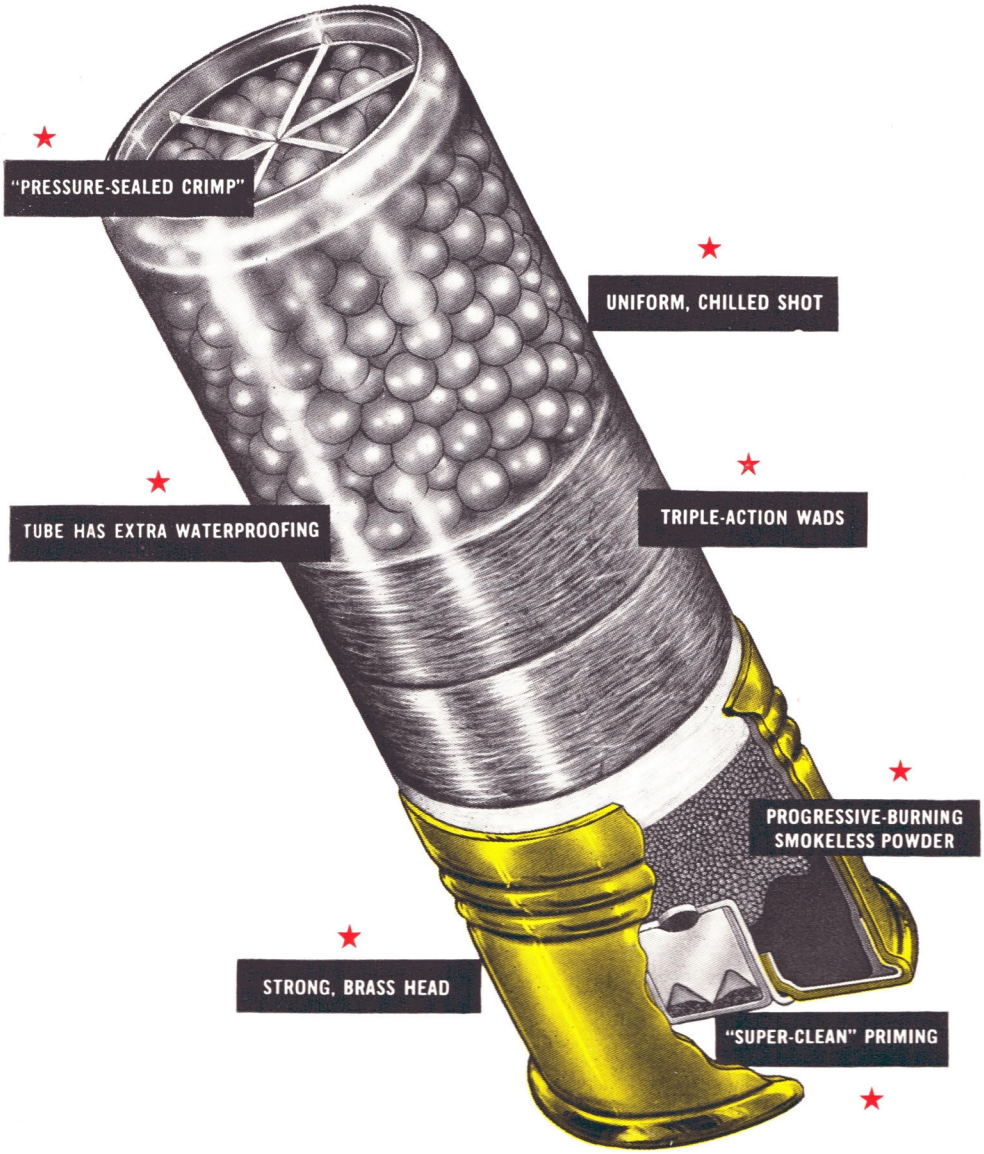
THESE FEATURES TELL THE INSIDE STORY

★ *"PRESSURE-SEALED CRIMP": A New Patented Feature found only in C-I-L Shot Shells.* With no topwad to block the shot charge, you get concentrated, uniform patterns of maximum effectiveness, shot after shot . . . no holes or thin spots . . . cleaner kills and fewer cripples. And that's not all . . . a special crimp-sealing compound applied under pressure further augments the famed water-resistant qualities of C-I-L Shot Shells.

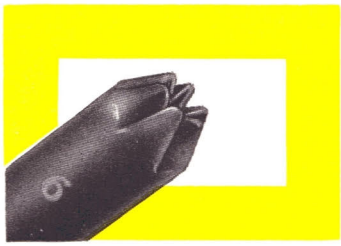
★ *TRIPLE-ACTION WADS* cut oversize and cupped into place under pressure, expand to fit the bore tightly and make a perfect gas-seal; highly resilient, they cushion the shot charge against pellet distortion; lubricated, they swab the gun barrel and leave a protective film to guard against corrosion and rust.

★ *EXTRA WATERPROOFING:* Rough days in marsh or field . . . heavy rain . . . wet boats . . . can't rob C-I-L Shot Shells of power and punch. Thanks to wax-impregnated tubes *plus* an over-all, protective coating of C-I-L Special Shot Shell Lacquer *plus* "Pressure-Sealed Crimps", they're the answer to the hunter's prayer for shells that can "take it."

★ *"SUPER-CLEAN" PRIMERS* give fast, sure-fire ignition. Non-corrosive and non-rusting, they lengthen the life of your gun barrel.

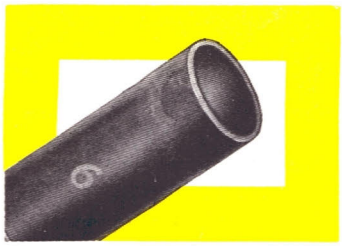


Open shot shell tube is like any other shell before the crimping operation.



The tube is neatly folded into a flat, tight crimp and no topwad is needed.

A special crimp-sealing compound is applied under pressure to provide additional waterproofing protection.



When fired, there is nothing to block the shot column. Dense and uniform shot patterns are the satisfying result.

RECOMMENDED SHOT SIZES

Foxes	BB		
Jack Rabbits	2	4	or BB
Ducks, Rabbits	4	5	or 6
Geese	2	BB	or AAA
Upland Game Birds	6	7½	or 8
Snipe, Woodcock	7½	8	or 10
Crows	6	7½	or 8

GAME ANIMALS: RIFLED SLUGS IN 12, 16 or 20 GAUGE

These shells were tossed about in a revolving drum with hundreds of other shells and wet rags. Ordinary tubes *(left)* were ruined in five minutes but thanks to the protective coating of C-I-L Special Shot Shell Lacquer the shell at right was not affected in the slightest degree.

C-I-L "Always Dependable" SHOT SHELLS

"IMPERIAL" SPECIAL LONG RANGE

"The King of Shot Shells"

For high, fast flying ducks . . . wary geese . . . "Imperial" Shot Shells have all it takes to knock them down . . . speed, long reach, power and punch!

Designed for the sportsman who demands the utmost in performance, the "Imperial" offers more proven features, quality and performance than any other shot shell available; "Pressure-Sealed Crimp" (except buck-shot loads) in 12, 16, 20 and 28 gauges; specially-selected, progressive-burning smokeless powder; reinforced, extra-high brass heads; triple-action wads; waterproofed, finished with C-I-L Special Shot Shell Lacquer; "Super-Clean" priming.

"MAXUM" LONG RANGE

Second only to the famous "Imperial", the "Maxum" combines power, long range and dependable performance in an outstanding shell at a medium price. Ideal for ducks, geese, small game and pests, this shell really reaches out and gets them. Available in 12 ga. only. "Pressure-Sealed Crimp" for balanced, hard hitting patterns; smokeless powder; reinforced, high brass heads; triple-action wads; waterproofed, finished with C-I-L Special Shot Shell Lacquer; "Super-Clean" priming.

"IMPERIAL" RIFLED SLUG LOADS

The perfect, emergency short range load for the shotgun owner. Precision-made and finely balanced, it has greater striking energy and many times the accuracy of the old-fashioned, single ball load. It can be used in full choke shotguns in good condition and designed for long range smokeless powder shells. Carry a few in your pocket for that unexpected shot at game animals.

RIFLED SLUG BALLISTICS

Gauge	Velocity Feet per Sec.		Energy Foot-Lbs.		Mid-Range Trajectory	
	Muzzle	100 Yds.	Muzzle	100 Yds.	50 Yds.	100 Yds.
12	1470	1120	1995	1165	0.6"	2.6"
16	1435	1100	1600	945	0.6"	2.9"
20	1410	1080	1245	735	0.7"	3.0"
28	1470	1030	460	225	0.6"	2.0"

"CANUCK" SHOT SHELLS

Canada's favourite general-purpose shot shell. Available in a wide variety of gauges, it is ideal for waterfowl, upland game birds, small game and pests. Embodying many of the features ordinarily found in the most expensive shells, the "Canuck" will give you honest service and dependable performance at lower cost.

Available with "Pressure-Sealed Crimp" in 12 and 16 gauges; smokeless powder; reinforced heads; triple-action wads; waterproofed, finished with C-I-L Special Shot Shell Lacquer; "Super-Clean" priming.

"CANUCK" TARGET (Trap & Skeet) LOADS

Canadian long-run records at Trap and Skeet testify to the effectiveness of folded crimp loads. With no top wad to obstruct the shot column, there are no blown patterns . . . when you're *on* the target you break it. Lightning fast, non-corrosive "Super-Clean" priming; minimum recoil; smokeless powder. Folded crimp in 12 and 20 gauge; rolled crimp in other gauges.

BLANK SHOT SHELLS

Available in 10 gauge (2¾ inch) and 12 gauge (2⅝ inch) for saluting and signaling. Note: Blanks are dangerous within 15 yards and should never be fired in the direction of any person.

CAUTION NOTES

1. Do not use long range or heavy load shot shells in guns not specially designed for them. In particular, smokeless powder loads of all classes should not be used in guns having Damascus or other twist steel barrels. **2.** Do not use shells in shotguns of a larger gauge than the shells. **3.** Do not use shells of greater length than the chamber of the gun. C-I-L "Pressure-Sealed Crimp" shot shells are of the proper length for most modern Autoloading and Pump-Action shotguns; however, there are some guns with shorter chambers that cannot safely use the longer shells. For these, shorter "Canuck" standard loads with rolled crimps are available. **4.** Shot shells should be stored in a clean, cool, dry place. Extreme heat can reduce the moisture content of the powder and alter its ballistic properties. **5.** Steel Balls or Steel Air Rifle Shot should not be hand-loaded into shot shells. They will groove and ruin a shotgun barrel in a few shots. **6.** Do not tamper with factory loaded shells.

MAXUM Long Range

CANUCK Standard & Heavy Loads

CANUCK Target Loads (Trap & Skeet)

IMPERIAL Rifled Slug Loads

C-I-L SHOT SHELLS

GA.	BRAND AND LOAD	CODE	SHELL LENGTH INCHES (a)	CRIMP (b)	SHOT Oz.	SHOT SIZES
	GAME LOADS (25 PER BOX)					
10	CANUCK Standard	DSO	2¾	R.C.	1¼	BB, 2, 4, 5, 6
12	IMPERIAL Special Long Range	IL	2¾	P.S.C.	1¼	BB, 2, 4, 5, 6, 7½
	IMPERIAL Magnum	ILX	2¾	P.S.C.	1½	2, 4
	IMPERIAL Special Long Range	IP	3	P.S.C.	1⅝	BB, 2, 4, 5, 6
	MAXUM Long Range	LL	2¾	P.S.C.	1¼	BB, 2, 4, 5, 6, 7½
	CANUCK Heavy	DN	2¾	P.S.C.	1⅛	BB, 2, 4, 5, 6, 7½
	CANUCK Standard	DA	2¾	P.S.C.	1⅛	BB, 2, 4, 5, 6, 7½
		DAR	2⅝	R.C.	1⅛	2, 4, 6, 8, 10
16	IMPERIAL Special Long Range	IT	2¾	P.S.C.	1⅛	BB, 2, 4, 5, 6, 7½
	CANUCK Standard	DTR	2 9/16	R.C.	1	2, 4, 6, 8
		DT	2¾	P.S.C.	1	BB, 2, 4, 5, 6, 7½
20	IMPERIAL Special Long Range	IM	2¾	P.S.C.	1	BB, 2, 4, 5, 6, 7½
	CANUCK Standard	DM	2½	R.C.	⅞	BB, 2, 4, 5, 6, 7½ 8
28	IMPERIAL Special Long Range	IZ	2¾	P.S.C.	¾	4, 6, 7½
	CANUCK Standard	DZ	2½	R.C.	⅝	BB, 2, 4, 6, 7½
410	IMPERIAL Special Long Range	IR	2½	R.C.	½	4, 5, 6, 7½
		IQ	3	R.C.	¾	4, 5, 6, 7½
	BUCKSHOT LOADS (25 PER BOX)					
10	CANUCK Standard	DSO	2¾	R.C.	—	SG
12	IMPERIAL Special Long Range	IL	2¾	R.C.	—	AAA, SSG
16	IMPERIAL Special Long Range	IT	2¾	R.C.	—	SG
20	IMPERIAL Special Long Range	IM	2¾	R.C.	—	AAAA
28	CANUCK Standard	DZ	2½	R.C.	—	Ball
	RIFLED SLUG LOADS (5 PER BOX)					
12	IMPERIAL Special Long Range	IL	2¾	R.C.	1	Rifled Slug
16	IMPERIAL Special Long Range	IT	2¾	R.C.	⅞	Rifled Slug
20	IMPERIAL Special Long Range	IM	2¾	R.C.	⅝	Rifled Slug
410	IMPERIAL Special Long Range	IR	2½	R.C.	1/5	Rifled Slug
	TARGET (Trap & Skeet) LOADS (25 PER BOX)					
12	CANUCK Trap (3 Drams Equiv.)	DE	2¾	F.C.	1⅛	7½
12	CANUCK Trap & Skeet (2¾ Drams Equiv.)	DE	2¾	F.C.	1⅛	8
12	CANUCK Skeet (3 Drams Equiv.)	DQ	2¾	F.C.	1⅛	9
16	CANUCK Skeet (2½ Drams Equiv.)	DKT	2 9/16	R.C.	1	9
20	CANUCK Skeet (2¼ Drams Equiv.)	DKM	2¾	F.C.	⅞	9
28	IMPERIAL Skeet (2¼ Drams Equiv.)	IZ	2¾	F.C.	¾	9
410	IMPERIAL Skeet	IR	2½	R.C.	½	9
		IQ	3	R.C.	¾	9

(a) **Shot Shell Length** = full length of shell when crimp has been opened out. Do not use a shell longer than the chamber of your gun.

(b) **Shot Shell Crimp Descriptions: P.S.C.** — "Pressure-Sealed Crimp"; **R.C.** — Rolled Crimp; **F.C.** — Folded Crimp.

FOR PACKING INFORMATION SEE TABLES ON PAGE 23.

C-I-L RIM FIRE CARTRIDGES

"That's a nice target, Jim!"

"When you can put them in the 'Bull' as often as that, you're good, Jim. I'll have to take you on some day soon."

Out in the back lot with the growing boys or at the big international matches you'll find the same clean sportsmanship, the same enthusiasm and keen rivalry. Yes, whether you are shooting in a championship match or just practicing you are always striving to improve your score. That's why target rifle shooting attracts so many thousands of Canadian shooters, young and old.

It is this constant striving to excel that makes C-I-L 22's the choice of expert marksmen on the range or in the field.

C-I-L 22's are, in every sense, the "last word" in small bore cartridges. Manufactured in one of the most modern ammunition factories in the world, they embody every major improvement that science has given to the industry.

Choice of greased or dry lubricated bullets

GREASED BULLETS for target shooting. Where accuracy is the prime consideration, as in target shooting, grease is recommended. Not only is it a perfect lubricant, but it makes a most efficient gas-seal. Even in pitted and worn barrels, grease gives greater accuracy than can be obtained with any other type of lubricant. Available in 22 Long Rifle "Central V's", "Bisley" and "Super-Clean".

DRY LUBRICATED BULLETS for pest and small game shooting. C-I-L Dry Lubricated bullets are clean to handle and do not pick up dirt and grit when the cartridges are carried loose in the pocket. As the bullet passes down the barrel it leaves a protective coating to guard against rust and metallic fouling (leading). Available in 22 Short, Long and Long Rifle "Whiz-Bang" and 22 Short and Long Rifle "Super-Clean".

Longer barrel life

is assured by "Super-Clean" priming and Dry Lubricated or Greased bullets which deposit a protective coating in the bore of the rifle. If your rifle is kept in a dry place and C-I-L 22's are used exclusively, the bore will remain clean and free from rust. Cleaning is necessary only to guard against excessive dampness or humidity.

CHOOSE YOUR C-I-L 22's TO SUIT YOUR FAVORITE SPORT

"WHIZ-BANG" High Velocity

With greater shocking power than standard velocity 22's, the "Whiz-Bang" is ideal for pests and small game. Its high velocity gives a flattened trajectory and reduces the sighting problem. Dry Lubricated Bullets available in Short, Long and Long Rifle—Choice of Standard Bullets in all lengths or Mushroom bullets in Short and Long Rifle.

"SUPER-CLEAN" Standard Velocity

An economical, general purpose 22, the "Super-Clean" has established an enviable reputation for accuracy and dependable performance. Dry Lubricated Bullets in Short—Choice of Dry Lubricated or Greased Bullets in Long Rifle.

"CENTRAL V's" Standard Velocity

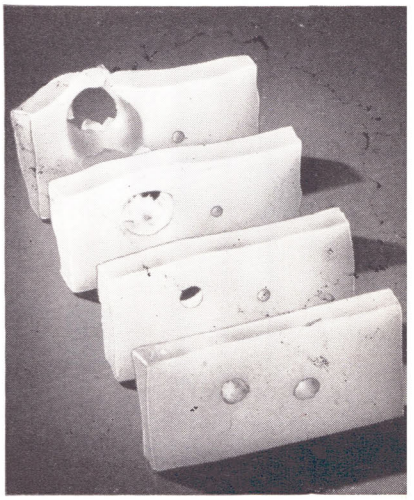
Specially manufactured and selected to give consistently close grouping in high-grade rifles, "Central V's" meet the exacting demands of target rifle shooters at all ranges up to 200 yds. Greased Bullets. Available in 22 Long Rifle only.

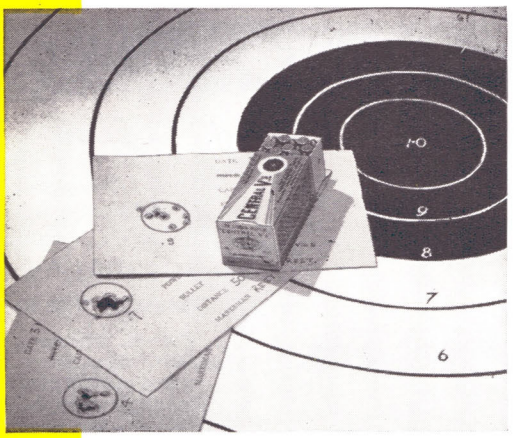
"BISLEY" Intermediate Velocity

Combining accuracy and great shocking power, the "Bisley" is especially recommended for long range shooting of pests, small game and targets with scope-sighted rifles. Greased Bullets. Available in 22 Long Rifle only.

SMASHING POWER!

Look what happens when a "Whiz-Bang" 22 High Velocity Mushroom bullet blasts its way through paraffin blocks (compared to standard bullet at right). The expanding bullet packs the knock-out punch you need for shooting pests.



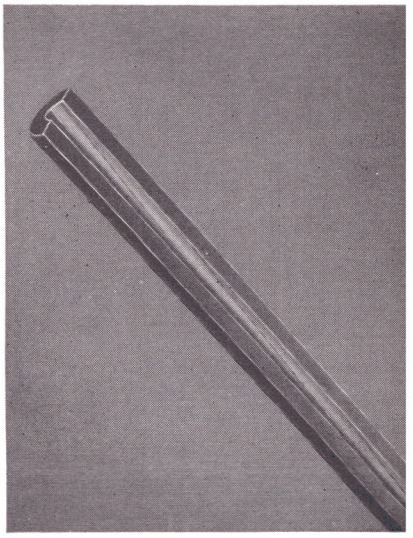


ACCURACY

Run-of-the-mill factory test groups (fired from an autoloading pistol in a machine rest at 50 yards) range from four-tenths to nine-tenths of an inch. Placed over a 50 yard standard Slow Fire Pistol target, they show what "Central V's" can do.

LONGER BARREL LIFE

This rifle barrel remains bright and clean after firing 50,000 rounds of Dry Lubricated 22's. Longer barrel life is assured by "Super-Clean" priming and Dry Lubricated or Greased bullets which deposit a protective coating in the bore. If your rifle is kept in a dry place and C-I-L 22's are used exclusively, the bore will remain clean and free from rust.



C-I-L RIM FIRE CARTRIDGES

22 BB CAP "SUPER-CLEAN"

For 22 Calibre single shot rifles, pistols and revolvers.

Graphited Lead Bullet, 18 grains.

22 SHORT "SUPER-CLEAN"
Non-Splashing

Manufactured specially for shooting galleries.

For 22 Calibre single shot and repeating rifles, pistols and revolvers.

Dry Lubricated, Lead Bullet, 26 grains.

22 SHORT "SUPER-CLEAN"
Standard Velocity

For 22 Calibre single shot, repeating and autoloading rifles, pistols and revolvers.

Dry Lubricated, Lead Bullet, 29 grains.

22 SHORT "WHIZ-BANG"
High Velocity

For all standard 22 calibre single shot, repeating and autoloading rifles, pistols and revolvers, designed for high velocity cartridges.

Dry Lubricated, Lead Bullet, 29 grains.

22 SHORT "WHIZ-BANG"
Mushroom High Velocity

For all standard 22 calibre single shot, repeating and autoloading rifles, pistols and revolvers, designed for high velocity cartridges.

Dry Lubricated, Lead, Mushroom Bullet, 27 grains.

22 LONG "WHIZ-BANG"
High Velocity

For all standard 22 calibre long or long rifle, single shot and repeating rifles, pistols and revolvers, designed for high velocity cartridges.

Dry Lubricated, Lead Bullet, 29 grains.

22 LONG RIFLE "SUPER-CLEAN"
Standard Velocity

For all standard 22 calibre long rifle single shot, repeating and autoloading rifles, pistols and revolvers.

Greased, Lead Bullet, 40 grains.

22 LONG RIFLE "SUPER-CLEAN"
Standard Velocity

For all standard 22 calibre long rifle single shot, repeating and autoloading rifles, pistols and revolvers.

Dry Lubricated, Lead Bullet, 40 grains.

22 LONG RIFLE "CENTRAL V's"
Target, Standard Velocity

For all standard 22 calibre long rifle single shot, repeating and autoloading rifles, pistols and revolvers.

Greased, Lead Bullet, 40 grains.

22 LONG RIFLE "BISLEY"
Intermediate Velocity

For all standard 22 calibre long rifle single shot, repeating and autoloading rifles, pistols and revolvers.

Greased, Lead Bullet, 40 grains.

22 LONG RIFLE "WHIZ-BANG"
High Velocity

For all standard 22 calibre long rifle single shot, repeating and autoloading rifles, pistols and revolvers, designed for high velocity cartridges.

Dry Lubricated, Lead Bullet, 40 grains.

22 LONG RIFLE "WHIZ-BANG"
Mushroom High Velocity

For all standard 22 calibre long rifle single shot, repeating and autoloading rifles, pistols and revolvers, designed for high velocity cartridges.

Dry Lubricated, Lead, Mushroom Bullet, 36 grains.

22 WINCHESTER RIM FIRE (W.R.F.) "SUPER-CLEAN"

For Winchester Model 1890 and Remington Model 12 CS and 121 S repeating rifles; Winchester, Remington and Stevens single shot rifles; also Colt revolvers chambered for this cartridge.

Graphited, Lead Bullet, 45 grains.

22 WINCHESTER AUTOMATIC "SUPER-CLEAN"

For Winchester Model 1903 autoloading rifles.

Graphited, Lead Bullet, 45 grains.

25 STEVENS SHORT "SUPER-CLEAN"

For Marlin, Stevens, Cooey, Remington and Winchester single shot rifles.

Internal Lubricated, Lead Bullet, 65 grains.

ALL C-I-L RIM FIRE CARTRIDGES HAVE "SUPER-CLEAN" PRIMING.

C-I-L RIM FIRE CARTRIDGES

25 STEVENS LONG "SUPER-CLEAN"

For Marlin, Stevens, Cooey, Remington and Winchester single shot rifles; also Stevens and Marlin repeating rifles.

Internal Lubricated, Lead Bullet, 65 grains.

32 SHORT "SUPER-CLEAN"

For the various revolvers, single shot pistols and single shot rifles of this calibre; also Marlin Model 1892 repeating rifle.

Greased, Lead Bullet, 80 grains.

32 LONG "SUPER-CLEAN"

For revolvers, single shot pistols and single shot rifles of this calibre; also Marlin Model 1892 repeating rifle.

Greased, Lead Bullet, 80 grains.

BLANK AND SHOT CARTRIDGES

22 SHORT RIM FIRE BLANK

For rifles and revolvers chambered for Short, Long, Long Rifle, and Extra Long Cartridges.

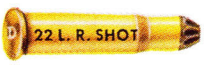
Note:—Blank cartridges are dangerous at close range and should never be fired in the direction of any person.

22 LONG RIFLE "WHIZ-BANG" RIM FIRE SHOT

For smooth bore firearms, but may be used in 22 calibre rifles and revolvers chambered for Long Rifle and Extra Long Cartridges.

Will function in repeating rifles.

Size of shot—No. 12.



BALLISTICS OF C-I-L RIM FIRE CARTRIDGES

Description	Lubricant	Bullet		Velocity Feet per Second		Energy Foot Lbs.		Mid-Range Trajectory in inches for Range of 100 Yds.
		Type	Wt. Grs.	Muzzle	100 Yds.	Muzzle	100 Yds.	
22 BB Cap "Super-Clean"	Graphite	Solid	18	780	—	24	—	—
22 Short (Non-Splashing) "Super-Clean"	D.L.	Solid	26	995	—	57	—	—
22 Short "Super-Clean"	D.L.	Solid	29	1045	865	70	48	4.8
22 Short "Whiz-Bang" High Velocity	D.L.	Solid	29	1125	920	81	54	4.3
22 Short "Whiz-Bang" High Velocity	D.L.	Mushroom	27	1155	920	80	51	4.2
22 Long "Whiz-Bang" High Velocity	D.L.	Solid	29	1240	965	99	60	3.8
22 L.R. "Super-Clean"	Grease	Solid	40	1145	975	116	84	4.0
22 L.R. "Super-Clean"	D.L.	Solid	40	1145	975	116	84	4.0
22 L.R. "Central V's" Target	Grease	Solid	40	1145	975	116	84	4.0
22 L.R. "Bisley" Intermediate Velocity	Grease	Solid	40	1230	1010	134	91	3.6
22 L.R. "Whiz-Bang" High Velocity	D.L.	Solid	40	1335	1045	158	97	3.3
22 L.R. "Whiz-Bang" High Velocity	D.L.	Mushroom	36	1365	1040	149	86	3.3
22 W.R.F. "Super-Clean"	Graphite	Solid	45	1105	955	122	91	4.0
22 Winchester Auto. "Super-Clean"	Graphite	Solid	45	1055	930	111	86	4.6
25 Stevens Short "Super-Clean"	Internal	Solid	65	945	845	129	103	5.6
25 Stevens Long "Super-Clean"	Internal	Solid	65	1130	985	184	140	3.8
32 Short "Super-Clean"	Grease	Solid	80	945	840	158	125	5.3
32 Long "Super-Clean"	Grease	Solid	80	1050	900	195	144	4.5

D.L.—Dry Lubricated. **L.R.—Long Rifle.** **Auto.—Automatic.**

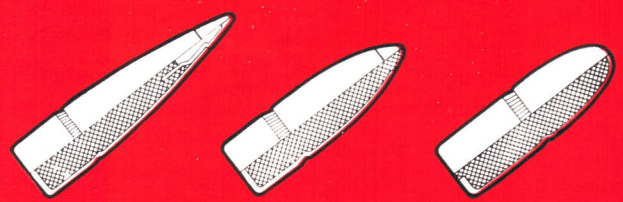
FOR PACKING INFORMATION SEE TABLES ON PAGE 23.

"DOMINION" CENTRE FIRE

...preferred by men who know ammunition

Good targets do not come along every day. When they do, it's often a matter of split-second decision—a moment when accurate, well-timed shooting must be backed up by dependable ammunition. If a Moose or Bear decides to charge, your safety and even your life may depend on the cartridge in your rifle.

The men who make C-I-L Ammunition know this well; that a sure kill is the only safe shot—the only shot a true sportsman wants. They realize that only by building into "Dominion" cartridges the indispensable qualities of accuracy, penetration and great shocking power can they turn out a product acceptable to experienced hunters. Because "Dominion" Centre Fire Rifle Cartridges possess these qualities, hunters and trappers across Canada depend upon them.



COPPER POINT EXPANDING | POINTED SOFT POINT | METAL CASED OR HARD POINT

COPPER POINT EXPANDING BULLET: Due to the special construction of the nose, this bullet has excellent penetrating and mushrooming qualities. Because its sustained high velocity reduces the problem of range estimation and sight adjustment, it is a favorite in open or mountainous country where cover is scarce, game extremely shy and ranges are long. Available in 303 British and 30-06 Springfield.

POINTED SOFT POINT BULLET: Designed for smashing power and controlled mushrooming at all ranges. Its shape insures target accuracy and sustained striking energy at long ranges while its flat trajectory reduces the sighting problem. Available in 22 Hornet, 22 Savage, 222 Remington, 250 Savage, 257 Roberts, 270 Winchester, 7 mm Mauser, 30-06 Springfield, 300 Savage, 303 British and 8 mm Mauser.

METAL CASED (HARD POINT) BULLET: Recommended where maximum penetration without mushrooming is required. Trappers and hunters prefer it to avoid spoiling the pelts of valuable fur-bearing animals. Available in 25-20 Winchester, 30-30 Winchester and 303 Savage.

"DOMINION" REVOLVER AND PISTOL CARTRIDGES

The accuracy and dependability of "Dominion" Revolver Cartridges is clearly indicated by the record of championships won by marksmen who have used them in Canadian and International revolver shooting contests. Police units throughout Canada, including the Royal Canadian Mounted Police, use these dependable cartridges. This, in itself, is a tribute to their unfailing performance.

38 Special Wad Cutter

The "full load" 38 Special, with its 158-grain round-nosed bullet and muzzle velocity of 870 feet per second, has long been a favorite for police and target work. Now the new 38 Special Wad Cutter has come along to take its place for accurate target shooting at all ranges.

Referred to as a "reduced" or "target" load, it has a lower velocity (770 feet per second) and a lighter bullet (146 grains). The mild recoil and reduced "Muzzle Flip" is an advantage in timed and rapid fire matches, while the sharp bullet shoulder cuts a clean hole in the target and makes scoring easier.

CARTRIDGES

KLING-KOR Soft Point Bullets

have unseen notches that securely grip the bullet core; act as barbs to arrest any tendency to strip or disintegrate on impact with the target. Thin tongues of lead extruded through the notches provide ample proof that locking action occurs the exact moment it is most needed. You can't see the notches, but they're there just the same, ready to prove themselves on your next hunting trip. "Kling-Kor" Bullets have the accuracy to make vital hits . . . the punch to stop your game cold. Available in 270 Winchester, 30-30 Winchester, 30 Remington, 30-40 Krag, 30-06 Springfield, 300 and 303 Savage, 303 British, 32 Winchester Special, 32 Remington and 32-40 Winchester.

30-06 Springfield, 180 grain "Kling-Kor" Soft Point bullet, taken from large buck shot at 132 yards. Removed from under hide on opposite side.

300 Savage, 180 grain "Kling-Kor" Soft Point bullet. Dropped moose at 245 yards and was removed intact after shattering bones in hind and fore legs.

Mushroomed "Kling-Kor" bullet illustrates how notched jacket and bullet core lock together on impact with target . . . result, terrific shocking and stopping power.

A RIGHT COMBINATION

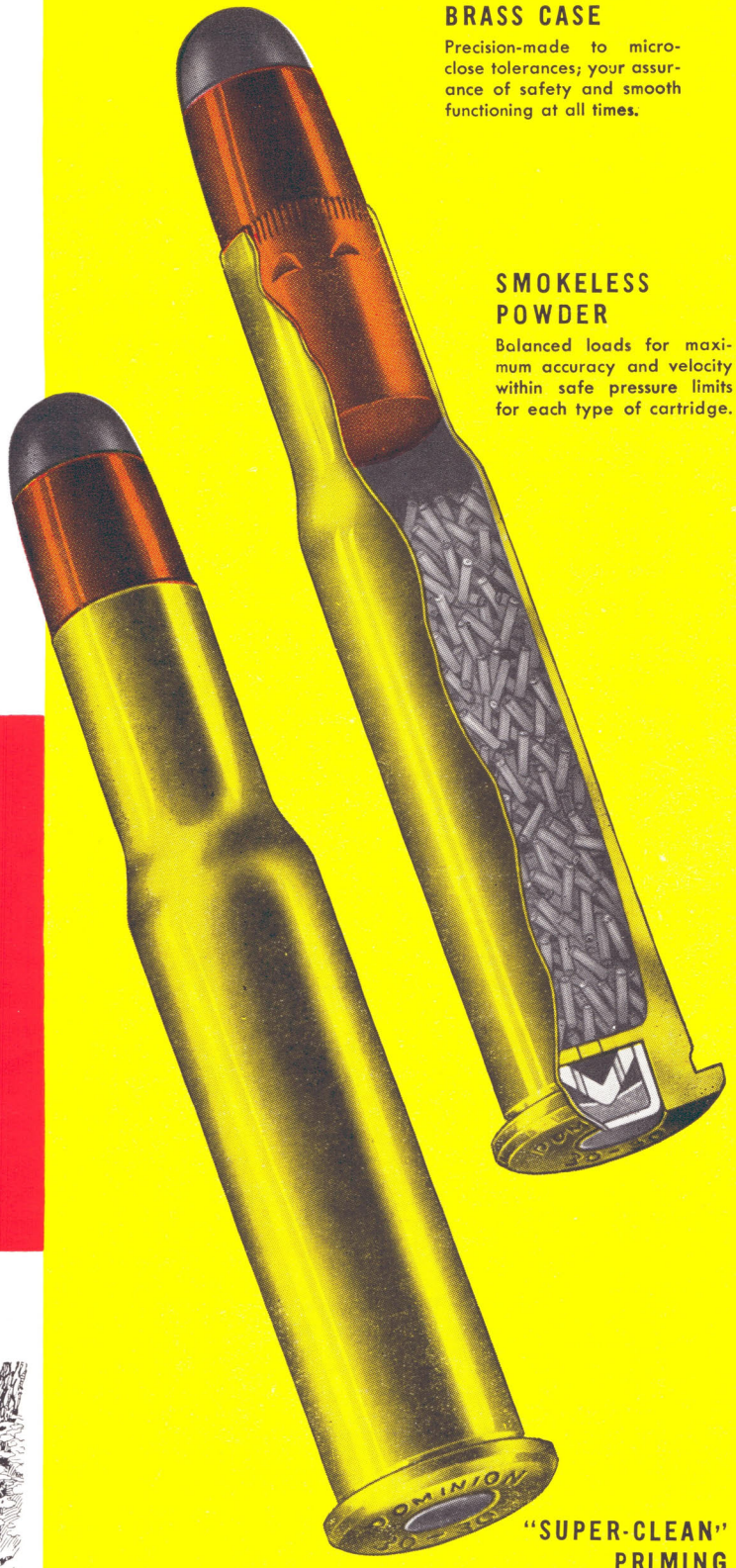
of bullet weight and type for every kind of game.

HIGH-QUALITY BRASS CASE

Precision-made to micro-close tolerances; your assurance of safety and smooth functioning at all times.

SMOKELESS POWDER

Balanced loads for maximum accuracy and velocity within safe pressure limits for each type of cartridge.



"SUPER-CLEAN" PRIMING

This fast, sure-fire priming is non-corrosive and non-rusting; lengthens the life of your gun barrel. Unaffected by extreme climatic changes, "Super-Clean" Priming has proved its superiority under severest shooting conditions.

OILPROOF PRIMER

Prevents oil or grease from seeping in...protects against dampness...ensures lightning-fast, dependable ignition.

Selecting Cartridges for Wild Game

The proper selection of suitable calibres of rifles and types of cartridges is essential for successful hunting. The type of game to be hunted, the distance at which the game will be shot, and whether in open or bush country, are all factors which govern the choice of suitable cartridges.

All of the following C-I-L loads have been found suitable for shooting of such game as Deer, Black Bear and Mountain Lion (Puma). Those marked † are particularly recommended for large game such as Alaskan Bear, Grizzly Bear, Polar Bear, Moose, Caribou and Elk (Wapiti) and those marked * are most efficient for the long range shooting that is frequently encountered in hunting Mountain Sheep, Rocky Mountain Goat, Antelope (Pronghorn), etc.

Light-weight, high velocity cartridges are generally considered to be most effective over open country where the bullet would not be deflected by bush.

For small game and pests such as woodchuck, coyote, badger, lynx and wolf, 22 Hornet, 22 Savage, 222 Remington, 20-25 Winchester and 32-20 Winchester are effective.

6.5 mm Mannlicher-Schoenauer	160 gr.	SP
25-35 Winchester	117 "	SP
250 Savage*	100 "	PSP
257 Roberts	117 "	PSP
270 Winchester*	130 "	PSP
270 Winchester*†	160 "	KKSP
7 mm Mauser*	139 "	PSP
30-30 Winchester	150 "	Pneu.
30-30 Winchester	170 "	KKSP
30 Remington	170 "	KKSP
30-40 Krag†	180 "	KKSP
30-06 Springfield*	150 "	PSP
30-06 Springfield*†	180 "	KKSP
30-06 Springfield†	220 "	KKSP
30-06 Springfield*†	180 "	CPE
300 Savage*	150 "	PSP
300 Savage†	180 "	KKSP
303 Savage	190 "	KKSP
303 British*	150 "	PSP
303 British*†	180 "	KKSP
303 British†	215 "	KKSP
303 British*†	180 "	CPE
8 mm Mauser†	170 "	PSP
32 Winchester Special	170 "	KKSP
35 Remington	200 "	SP
38-55 Winchester	255 "	SP

Cartridges not listed in this Catalogue

Although C-I-L manufactures a complete range of popular centre fire cartridges, occasional requests are received for cartridges not listed in this catalogue. This is because there are, in Canada, many rifles and pistols of foreign manufacture, while other firearms are becoming obsolete or have not yet gained widespread popularity. The small quantities of cartridges required for these firearms cannot be economically manufactured in Canada but as service to its customers, C-I-L imports a number of them for resale.

Deliveries cannot be guaranteed because of import regulations and uncertain supplies. For latest information, write Canadian Industries (1954) Limited, Ammunition Division, P.O. Box 10, Montreal, Que.

Caution Notes

Rifle Cartridges: Do not try to shoot cartridges in a rifle of a different calibre. This is extremely dangerous and may not only seriously damage the rifle, but is liable to injure the shooter. If the calibre is in doubt, see your dealer or a competent gunsmith.

Do not use military cartridges in sporting rifles of any calibre, even cartridges for 303 British or Lee Enfield. Many military cartridges used in World War II were loaded to extra heavy pressures required to operate automatic weapons. As a result they are not at all suitable or safe for sporting arms.

Do not fire any military bullets from World War II of Incendiary, Explosive, or Tracer types; these may be safe to fire but can cause fires and property damage where they strike. Some of the European types are particularly dangerous to handle and become increasingly hazardous with age.

There are now numerous 6.35 mm., 7 mm., 7.92 mm., 8 mm. and 9 mm. foreign military cartridges. Only a few of these are interchangeable with Canadian, British or American cartridges. Do not attempt to use these in weapons which appear to be of the same calibre. The results may be dangerous.

Revolver Cartridges: It is extremely dangerous to fire cartridges made for automatic pistols in revolvers. Even though some of the cartridges will fit, they are loaded to pressures two and three times greater than ordinary revolver cartridges. For similar reasons do not use any military sub-machine gun cartridges in automatic pistols or revolvers. Many serious accidents have resulted from ignorance of these conditions.

Use "Dominion" 25-20 Winchester, 32-20 Winchester, 38-40 Winchester and 44-40 Winchester cartridges in rifles only, *never* in revolvers.

CENTRE FIRE RIFLE CARTRIDGES

22 HORNET

For rifles designated 22 Hornet, 5.6 x 35 R or 22 x 36 HO.

Pointed Soft Point bullet, 45 grains. No. 1½ primer.

22 SAVAGE

For rifles designated 22 Savage or 22 High Power.

Pointed Soft Point bullet, 70 grains. No. 8½ primer.

222 REMINGTON

For rifles designated 222 Remington.

Pointed Soft Point bullet, 50 grains. No. 1½ primer.

6.5 mm MANNLICHER-SCHOENAUER

For sporting and military rifles of the Mannlicher-Schoenauer Model 1903 pattern. This calibre is also designated as 6.5 x 53 M-Sch., 6.5 x 54 M-Sch., or 6.7 mm M-Sch.

Note:—Not interchangeable with other types of 6.5 mm ammunition.

Soft Point bullet, 160 grains. No. 8½ primer.

25-20 WINCHESTER

For rifles designated 25-20 Winchester, 25-20 W.C.F., 25-20 Marlin or 25-20.

Note:—Not for use in revolvers.

Soft Point bullet, 86 grains. No. 1½ primer.

Metal Cased bullet, 86 grains. No. 1½ primer.

25-35 WINCHESTER

For rifles designated 25-35 Winchester or 25-35 W.C.F.

Soft Point bullet, 117 grains. No. 8½ primer.

250 SAVAGE

For rifles designated 250 Savage or 250-3000 Savage.

Pointed Soft Point bullet, 100 grains. No. 8½ primer.

257 ROBERTS

For rifles designated 257 Roberts.

Pointed Soft Point bullet, 117 grains. No. 8½ primer.

270 WINCHESTER

For rifles designated 270 Winchester or 270 W.C.F.

Pointed Soft Point bullet, 130 grains. No. 8½ primer.

"Kling-Kor" Soft Point bullet, 160 grains. No. 8½ primer.

7 mm MAUSER

For rifles designated 7 mm Mauser or 7 x 57.

Pointed Soft Point bullet, 139 grains. No. 8½ primer.

30-30 WINCHESTER

For rifles designated 30-30 Winchester, 30 W.C.F. or 30-30.

Pneumatic bullet, 150 grains. No. 8½ primer.

"Kling-Kor" Soft Point bullet, 170 grains. No. 8½ primer.

Metal Cased bullet, 170 grains. No. 8½ primer.

30 REMINGTON

For rifles designated 30 Remington.

"Kling-Kor" Soft Point bullet, 170 grains. No. 8½ primer.

30-40 KRAG

For rifles designated 30-40 Krag, 30 Army, 30 U.S.A. or 30-40.

"Kling-Kor" Soft Point bullet, 180 grains. No. 8½ primer.

30-06 SPRINGFIELD

For sporting and military rifles designated 30-06 Springfield, 30 Springfield, Springfield Model 1903, Enfield Model 1917, U.S. 30-06, Springfield 30 Cal. 1906, or 30 Gov't. '06.

Pointed Soft Point bullet, 150 grains. No. 8½ primer.

"Kling-Kor" Soft Point bullet, 180 grains. No. 8½ primer.

"Kling-Kor" Soft Point bullet, 220 grains. No. 8½ primer.

Copper Point Expanding bullet, 180 grains. No. 8½ primer.

FOR PACKING INFORMATION SEE TABLES ON PAGE 23.

300 SAVAGE

For rifles designated 300 Savage.

Pointed Soft Point bullet,150 grains. No. 8½ primer.

"Kling-Kor" Soft Point bullet, 180 grains. No. 8½ primer.

303 SAVAGE

For rifles designated 303 Savage.

Note:—Not interchangeable with 303 British.

"Kling-Kor" Soft Point bullet weighs 190 grains. No. 8½ primer.

Metal Cased bullet. 190 grains. No. 8½ primer.

303 BRITISH

For sporting and military rifles designated 303 British, 303 Ross, No. 1 Mark III (S.M.L.E.), No. 3 Mark I (Enfield Pattern '14) and No. 4 Mark I.

Note:—Not interchangeable with 303 Savage.

Pointed Soft Point bullet,150 grains. No. 8½ primer.

"Kling-Kor" Soft Point bullet, 180 grains. No. 8½ primer.

"Kling-Kor" Soft Point bullet, 215 grains. No. 8½ primer.

Copper Point Expanding bullet, 180 grains. No. 8½ primer.

8 mm MAUSER

For rifles of the German Model 1898 pattern. This calibre is also designated 8 x 57 Mauser, 7.9 mm Mauser and 7.92 mm Mauser.

Note:—(1) Not interchangeable with 8 mm Mannlicher-Schoenauer. (2) Not recommended for use in arms of the Model 1888 Mauser pattern.

Pointed Soft Point bullet,170 grains. No. 8½ primer.

32-20 WINCHESTER

For rifles designated 32-20 Winchester, 32 W.C.F. or 32-20.

Note:—(1) Not for use in revolvers. (2) Not interchangeable with 32 Winchester Special.

Soft Point bullet, 115 grains. No. 1½ primer.

32 REMINGTON

For rifles designated 32 Remington.

"Kling-Kor" Soft Point bullet, 170 grains. No. 8½ primer.

32 WINCHESTER SPECIAL

For rifles designated 32 Winchester Special, 32 W.S., 32 Winchester or 32 Special.

Note:—Not interchangeable with 32-20 Winchester.

"Kling-Kor" Soft Point bullet, 170 grains. No. 8½ primer.

32-40 WINCHESTER

For all rifles designated 32-40.

"Kling-Kor" Soft Point bullet, 170 grains. No. 8½ primer.

35 REMINGTON

For rifles designated 35 Remington, 35 Remington Auto or 35 Browning Auto.

Soft Point bullet, 200 grains. No. 8½ primer.

351 WINCHESTER SELF-LOADING

For Winchester Model '07 Self Loading rifles.

Soft Point bullet, 180 grains. No. 1½ primer.

38-40 WINCHESTER

For rifles designated 38-40 Winchester, 38-W., or 38 W.C.F.

Note:—Not for use in revolvers.

Soft Point bullet, 180 grains. No. 2½ primer.

38-55 WINCHESTER

For all rifles designated 38-55.

Note:—Not interchangeable with 38-56 W.C.F.

Soft Point bullet, 255 grains. No. 8½ primer.

43 MAUSER

For rifles designated 43 Mauser or 11 mm Spanish.

Lead bullet, 385 grains. No. 8½ primer.

44-40 WINCHESTER

For rifles designated 44-40 Winchester, 44 W.C.F. or 44 W.

Note:—Not for use in revolvers.

Soft Point bullet, 200 grains. No. 2½ primer.

CENTRE FIRE REVOLVER AND PISTOL CARTRIDGES

25 AUTOMATIC

For autoloading pistols designated 25 Auto, 25 Colt Auto, 25 ACP or 6.35 mm Browning.

Metal Cased bullet, 50 grains. No. 1 primer.

32 SMITH & WESSON

For Smith & Wesson revolvers designated 32 or 32 Long, or in other revolvers designated 32 S &W, 32 S & W Long, 32 Police Positive or 32 Pocket Positive.

Lead bullet, 85 grains. No. 1 primer.

32 SMITH & WESSON LONG

For Smith & Wesson revolvers designated 32 Long or in other revolvers designated 32 S & W Long 32 Police Positive or 32 Pocket Positive.

Note:—Interchangeable with 32 Colt New Police.

Lead bullet, 98 grains. No. 1 primer.

32 SHORT COLT

For revolvers designated 32 Short Colt, 32 Long Colt or Calibre 320. May also be used in Marlin Model 1892 rifles.

Lead bullet, 80 grains. No. 1 primer.

32 AUTOMATIC

For autoloading pistols designated 32 Auto., 32 Colt Auto., 32 ACP or 7.65 mm Browning.

Note:—Not interchangeable with 7.65 mm Luger.

Metal Cased bullet, 71 grains. No. 1 primer.

9 mm LUGER

For 9 mm German Luger Automatic pistols and other autoloading pistols chambered for the 9 mm Luger cartridge.

Note:—(1) Not interchangeable with 9 mm Browning or other 9 mm ammunition. (2) Do not use 9 mm Sten Gun cartridges in your pistol.

Metal Cased bullet, 124 grains. No. 1½ primer.

38 SPECIAL

For revolvers designated 38 Special, 38 S & W Special, 38/44 or Officer's Model 38. Will also fit guns chambered for 357 Magnum cartridge.

Lead bullet, 158 grains. No. 1 primer.

38 SPECIAL WAD CUTTER

For revolvers designated 38 Special, 38 S & W Special, 38/44 or Officer's Model 38. Will also fit guns chambered for 357 Magnum cartridge.

Lead bullet, 146 grains. No. 1 primer.

38 SMITH & WESSON

For revolvers designated 38 S & W, 38 Police Positive, 38 Bankers' Special or British Service Revolver No. 2.

Note:—Interchangeable with 38 Colt New Police.

Lead bullet, 145 grains. No. 1½ primer.

45 COLT

For revolvers designated 45 calibre.

Lead bullet, 250 grains. No. 2½ primer.

455 COLT

For revolvers designated 455 calibre or British Service Revolver No. 1.

Lead bullet, 265 grains. No. 2½ primer.

BLANK CARTRIDGES

Note:—Blanks are dangerous at close range, and should never be fired in the direction of any person.

32 SMITH & WESSON BLANK

For Smith & Wesson revolvers designated 32 or 32 Long, or in other revolvers designated 32 S & W, 32 S & W Long, 32 Police Positive or 32 Pocket Positive. No. 1 primer.

38 SMITH & WESSON BLANK

For revolvers designated 38 S & W, 38 Police Positive, 38 Bankers' Special or British Service Revolver No. 2. No. 1½ primer.

SHOT CARTRIDGES

44-40 WINCHESTER SHOT

For I.X.L and other shotguns but may be used in rifles designated 44-40 Winchester, 44 W.C.F. or 44 W.

Note:—Not for use in revolvers.

Size of Shot—No. 7½. No. 2½ primer.

FOR PACKING INFORMATION SEE TABLES ON PAGE 23.

"DOMINION" CENTRE FIRE CARTRIDGES — TABLE OF BALLISTICS

DESCRIPTION	BULLET		VELOCITY Feet per Second				ENERGY Foot-Lbs.			
	Type	Weight Grains	Muzzle	100 Yds.	200 Yds.	300 Yds.	Muzzle	100 Yds.	200 Yds.	300 Yds.
RIFLE CARTRIDGES										
22 Hornet	PSP	45	2690	2030	1510	1150	720	410	230	130
22 Savage	PSP	70	2800	2440	2110	1840	1220	925	690	525
222 Remington	PSP	50	3200	2650	2170	1750	1140	780	520	340
6.5 mm Mannlicher-Schoenauer	SP	160	2160	1950	1750	1570	1660	1350	1090	875
25-20 Winchester	SP	86	1460	1180	1030	940	405	265	200	170
25-20 Winchester	MC	86	1460	1180	1030	940	405	265	200	170
25-35 Winchester	SP	117	2300	1910	1600	1340	1370	945	665	465
250 Savage	PSP	100	2820	2460	2140	1870	1760	1340	1020	775
257 Roberts	PSP	117	2650	2280	1950	1690	1820	1350	985	740
270 Winchester	PSP	130	3140	2850	2580	2320	2840	2340	1920	1550
270 Winchester	KKSP	160	2800	2460	2170	1930	2780	2150	1670	1320
7 mm Mauser	PSP	139	2900	2630	2370	2190	2600	2130	1730	1480
30-30 Winchester	Pneu	150	2410	2020	1700	1430	1930	1360	960	680
30-30 Winchester	KKSP	170	2220	1890	1630	1410	1860	1350	1000	750
30-30 Winchester	MC	170	2220	1890	1630	1410	1860	1350	1000	750
30 Remington	KKSP	170	2220	1890	1630	1410	1860	1350	1000	750
30-40 Krag	KKSP	180	2470	2120	1830	1590	2440	1790	1340	1010
30-06 Springfield	PSP	150	2970	2670	2400	2130	2930	2370	1920	1510
30-06 Springfield	KKSP	180	2700	2330	2010	1740	2910	2170	1610	1210
30-06 Springfield	KKSP	220	2410	2120	1870	1670	2830	2190	1710	1360
30-06 Springfield	CPE	180	2700	2480	2280	2080	2910	2460	2080	1730
300 Savage	PSP	150	2670	2390	2130	1890	2370	1900	1510	1190
300 Savage	KKSP	180	2370	2040	1760	1520	2240	1660	1240	920
303 Savage	KKSP	190	1980	1680	1440	1250	1650	1190	875	660
303 Savage	MC	190	1980	1680	1440	1250	1650	1190	875	660
303 British	PSP	150	2720	2440	2170	1930	2460	1980	1570	1240
303 British	KKSP	180	2540	2180	1880	1640	2580	1910	1420	1070
303 British	KKSP	215	2180	1900	1660	1460	2270	1720	1310	1020
303 British	CPE	180	2540	2320	2110	1920	2580	2140	1790	1470
8 mm Mauser	PSP	170	2570	2180	1840	1540	2490	1790	1270	895
32-20 Winchester	SP	115	1480	1100	940	820	560	310	225	170
32 Winchester Special	KKSP	170	2280	1920	1630	1410	1960	1390	1000	750
32 Remington	KKSP	170	2220	1890	1610	1400	1860	1350	975	740
32-40 Winchester	KKSP	170	1540	1340	1180	1080	895	675	525	440
35 Remington	SP	200	2210	1830	1540	1310	2170	1490	1050	760
351 Winchester Self-Loading	SP	180	1850	1560	1310	1140	1370	975	685	520
38-40 Winchester	SP	180	1330	1070	960	850	705	455	370	290
38-55 Winchester	SP	255	1600	1370	1190	1070	1450	1065	800	650
43 Mauser	Lead	385	1360	1150	1030	940	1580	1130	910	750
44-40 Winchester	SP	200	1310	1050	940	830	760	490	390	305
REVOLVER AND PISTOL CARTRIDGES										
25 Automatic	MC	50	820				75			
32 Smith & Wesson	Lead	85	720				98			
32 Smith & Wesson Long	Lead	98	795				138			
32 Short Colt	Lead	80	800				114			
32 Automatic	MC	71	980				152			
9 mm Luger	MC	124	1150				365			
38 Smith & Wesson	Lead	145	745				179			
38 Special	Lead	158	870				266			
38 Special Wad Cutter	Lead	146	770				193			
45 Colt	Lead	250	870				421			
455 Colt	Lead	265	770				349			

KKSP—KLING-KOR Soft Point; SP—Soft Point; PSP—Pointed Soft Point; Pneu—Pneumatic;
MC—Metal Cased (Hard Point); CPE—Copper Point Expanding.

What is Trajectory?

As a bullet leaves the muzzle of a rifle, it is acted upon by gravity and air resistance. These two forces cause the bullet to slow up, drop, and fall away from the line of sight. Thus, it is obvious the bullet cannot travel in a dead straight line from gun to target, but must travel in a curve known as the Trajectory.

This curved flight makes it necessary to aim the muzzle of the gun upwards to strike the target. As a result the bullet actually travels upwards above the line of sight and down again.

This important fact must be remembered when shooting through small openings in the woods or under rocky ledges to prevent the bullet striking overhead objects in its line of flight.

The Range Table on this page will help to determine the proper allowances to make for various specified distances with "Dominion" Centre Fire Rifle Cartridges. The figures are necessarily approximate because there are differences in individual guns such as barrel weight and length, wear and other factors which affect results.

The comparative performance between cartridges is indicated by showing all results with the rifle sighted in at 100 yards. The right hand section of the table shows the allowance to be made at ranges from 50 to 300 yards with the rifle set at a recommended sighting. Hold *under* the amount indicated by the plus sign or higher by the amount indicated by a *minus* sign—otherwise the equivalent sight corrections should be made.

RANGE TABLE OF "DOMINION" CENTRE FIRE RIFLE CARTRIDGES

"DOMINION" CENTRE FIRE RIFLE CARTRIDGE	COMPARATIVE PERFORMANCE: Figures below are for a sight-setting of 100 yards and permit a comparison of trajectories up to 200 yards.				RECOMMENDED SIGHTING: ⊕ Indicates the most favourable sight-in range in order to minimize the sighting problem at shorter and longer ranges; + indicates inches high; — indicates inches low.							
	BULLET	Inches High 50 Yds.	Sighted in 100 Yds.	Inches Low 200 Yds.	50 Yds.	75 Yds.	100 Yds.	125 Yds.	150 Yds.	200 Yds.	250 Yds.	300 Yds.
22 Hornet	45 grs. PSP	0.2	⊕	8.0		+1.5			⊕	−5.0		
22 Savage	70 grs. PSP	0.0	⊕	5.0			+2.5			⊕	−4.0	
222 Remington	50 grs. PSP	0.0	⊕	5.0			+2 5			⊕	−4.5	
6.5 mm Mann.-Schoen	160 grs. SP	0.7	⊕	8.5		+2.0			⊕	−4.5		
25-20 Winchester	86 grs. SP	2.0	⊕	24.0	+2.0		⊕	−3.5				
25-20 Winchester	86 grs. MC	2.0	⊕	24.0	+2.0		⊕	−3.5				
25-35 Winchester	117 grs. SP	0.4	⊕	8.0		+2.0			⊕	−4.5		
250 Savage	100 grs. PSP	0.2	⊕	5.0			+2.5			⊕	−4.0	
257 Roberts	117 grs. PSP	0.3	⊕	5.5			+3.0			⊕	−4.5	
270 Winchester	130 grs. PSP	0.0	⊕	3.0				+3.0			⊕	−4.0
270 Winchester	160 grs. KKSP	0.2	⊕	5.0			+3.0			⊕	−4.0	
7 mm Mauser	139 grs. PSP	0.0	⊕	3.5				+3.5			⊕	−4.5
30-30 Winchester	150 grs. Pneu.	0.3	⊕	7.0		+1.5			⊕	−4.0		
30-30 Winchester	170 grs. KKSP	0.8	⊕	8.0		+1.5			⊕	−5.0		
30-30 Winchester	170 grs. MC	0.8	⊕	8.0		+1.5			⊕	−5.0		
30 Remington	170 grs. KKSP	0.8	⊕	8.0		+1.5			⊕	−5.0		
30-40 Krag	180 grs. KKSP	0.4	⊕	6.5			+3.0			⊕	−5.5	
30-06 Springfield	150 grs. PSP	0.0	⊕	3.5				+3.5			⊕	−4.0
30-06 Springfield	180 grs. KKSP	0.4	⊕	5.5			+3.0			⊕	−4.5	
30-06 Springfield	220 grs. KKSP	0.4	⊕	6.5			+3.0			⊕	−5.5	
30-06 Springfield	180 grs. CPE	0.3	⊕	5.0				+4.0			⊕	−4.5
300 Savage	150 grs. PSP	0.3	⊕	5.0			+2.5			⊕	−4.0	
300 Savage	180 grs. KKSP	0.5	⊕	7.5			+3.5			⊕	−5.5	
303 Savage	190 grs. KKSP	0.8	⊕	11.0		+2.5			⊕	−6.0		
303 Savage	190 grs. MC	0.8	⊕	11.0		+2.5			⊕	−6.0		
303 British	150 grs. PSP	0.2	⊕	5.0				+4.0			⊕	−5.0
303 British	180 grs. KKSP	0.3	⊕	6.0			+3.0			⊕	−5.5	
303 British	215 grs. KKSP	0.6	⊕	9.0			+4.5			⊕	−7.0	
303 British	180 grs. CPE	0.3	⊕	6.0				+5.0			⊕	−5.5
8 mm Mauser	170 grs. PSP	0.4	⊕	6.0			+3.0			⊕	−5.0	
32-20 Winchester	115 grs. SP	2.0	⊕	27.5	+2.0		⊕	−4.0				
32 Winchester Special	170 grs. KKSP	0.6	⊕	8.0		+2.0			⊕	−4.5		
32 Remington	170 grs. KKSP	0.5	⊕	9.0		+2.0			⊕	−5.0		
32-40 Winchester	170 grs. KKSP	1.5	⊕	22.0	+1.5		⊕	−3.0				
35 Remington	200 grs. SP	0.4	⊕	9.5		+2.0			⊕	−5.5		
351 Winchester Self-Load	180 grs. SP	1.2	⊕	14.5		+3.5			⊕	−8.0		
38-40 Winchester	180 grs. SP	2.5	⊕	29.5	+2.5		⊕	−4.0				
38-55 Winchester	255 grs. SP	0.3	⊕	14.5		+3.0			⊕	−8.5		
43 Mauser	385 grs. Lead	2.0	⊕	24.0	+2.0		⊕	−3.5				
44-40 Winchester	200 grs. SP	2.5	⊕	30.0	+2.5		⊕	−4.0				

KKSP—KLING-KOR Soft Point
SP—Soft Point
PSP—Pointed Soft Point
Pneu—Pneumatic
MC—Metal Cased (Hard Point)
CPE—Copper Point Expanding

General Information

GUN REPAIRS

Makeshift repairing of guns is a cause of serious accidents. Have your gun overhauled at regular intervals by a competent gunsmith.

Do not install homemade parts in your gun.

Do not alter the shape of gun parts.

Do not weld or overheat any portion of the gun barrel or receiver.

If a new gun does not function properly, return it to the dealer or maker for examination.

GAUGE OR BORE

The system used for designating shotgun barrel sizes comes from the old days when the weight of a certain size lead ball determined the bore size. That is, a round lead ball weighing one-twelfth of a pound exactly fitted into a 12-gauge gun barrel.

Gauge Sizes as Used Today:

Gauge:	10	12	16	20	28	410*
Diameter:	.775″	.729″	.662″	.615″	.550″	.410″

*(Actual Bore Diameter)

TRAP AND SKEET SUPPLIES

For information on where to buy Clay Targets, Trap, Skeet and Hand Traps, write to your nearest C-I-L Ammunition Division sales office. See list on first page inside front cover.

STANDARD SHOT SIZES

Standard Shot Size	Diameter Inches	Pellets Per Oz.
10	.070	868
9	.080	585
8	.090	409
7½	.095	350
6	.110	223
5	.120	172
4	.130	136
2	.150	88
Air Rifle	.175	56
BB	.180	50

Buck Shot Size	Eastern U.S. Equiv.	Western U.S. Equiv.	Dia. In.	Pellets Per Oz.
AAA	F	F	.22	27
AAAA	3 Buck	8 or 9 Buck	.25	19
SG	1 Buck	5 or 6 Buck	.30	11
SSG	0 Buck	4 Buck	.32	9

Free Motion Pictures

Canadian Industries (1954) Limited maintains a well-rounded library of shooting and hunting films available without charge to any responsible group or organization. If you have the use of a projector for 16 mm. *sound* films, send for the free C-I-L Film Catalogue. Just write Canadian Industries (1954) Limited, Motion Picture Section, P.O. Box 10, Montreal, P.Q.

C-I-L

FOR PACKING INFORMATION SEE TABLES ON PAGE 23.

PACKING TABLES

RIM FIRE CARTRIDGES

DESCRIPTION	SHIPPING DETAILS			
	Per Box	Per Carton	Per Case	Approx. Case Weight (Lbs.)
22 BB Cap "Super-Clean"	100	500	10,000	38
22 Short (Non-Splashing) "Super-Clean"	—	500	10,000	54
22 Short "Super-Clean"	50	500	10,000	60
22 Short "Whiz-Bang"	50	500	10,000	60
22 Short "Whiz-Bang" Mushroom	50	500	10,000	57
22 Long "Whiz-Bang"	50	500	10,000	65
22 Long Rifle "Super-Clean"	50	500	10,000	85
22 Long Rifle "Central V's"	50	500	10,000	85
22 Long Rifle "Bisley"	50	500	10,000	85
22 Long Rifle "Whiz-Bang"	50	500	10,000	85
22 Long Rifle "Whiz-Bang" Mushroom	50	500	10,000	78
22 W.R.F. "Super-Clean"	50	—	5,000	49
22 Winchester Automatic "Super-Clean"	50	—	5,000	49
25 Stevens Short "Super-Clean"	50	—	2,000	26
25 Stevens Long "Super-Clean"	50	—	2,000	30
32 Short "Super-Clean"	50	—	5,000	77
32 Long "Super-Clean"	50	—	5,000	81

"DOMINION" CENTRE FIRE CARTRIDGES

DESCRIPTION	BULLET		SHIPPING DETAILS		
	Type	Wt. Grs.	Per Box	Per Case	Approximate Case Weight (Lbs.)
22 Hornet	PSP	45	20	1,000	19
22 Savage	PSP	70	20	1,000	41
222 Remington	PSP	50	20	1,000	30
6.5 mm Mannlicher-Schoenauer (6.5 x 53 mm)	SP	160	20	1,000	57
25-20 Winchester	SP	86	50	2,000	50
25-20 Winchester	MC	86	50	2,000	50
25 (6.35 mm) Automatic	MC	50	50	2,000	25
25-35 Winchester	SP	117	20	1,000	47
250 Savage	PSP	100	20	1,000	49
257 Roberts	PSP	117	20	1,000	58
270 Winchester	PSP	130	20	1,000	64
270 Winchester	KKSP	160	20	1,000	68
7 mm Mauser	PSP	139	20	1,000	59
30-30 Winchester	KKSP	170	20	1,000	57
30-30 Winchester	PNEU	150	20	1,000	53
30-30 Winchester	MC	170	20	1,000	56
30 Remington	KKSP	170	20	1,000	56
30-40 Krag (.30 U.S.A.)	KKSP	180	20	1,000	65
30-06 Springfield	KKSP	220	20	1,000	76
30-06 Springfield	KKSP	180	20	1,000	70
30-06 Springfield	PSP	150	20	1,000	66
30-06 Springfield	CPE	180	20	1,000	70
300 Savage	KKSP	180	20	1,000	62
300 Savage	PSP	150	20	1,000	57
303 Savage	KKSP	190	20	1,000	62
303 Savage	MC	190	20	1,000	61
303 British	KKSP	215	20	1,000	70
303 British	KKSP	180	20	1,000	66
303 British	PSP	150	20	1,000	62
303 British	CPE	180	20	1,000	65
8 mm Mauser	PSP	170	20	1,000	63
32 Smith & Wesson	LEAD	85	50	2,000	36
32 Smith & Wesson Long	LEAD	98	50	2,000	43
32 Short Colt	LEAD	80	50	2,000	35
32 (7.65 mm) Automatic	MC	71	50	2,000	37
32-20 Winchester	SP	115	50	1,000	30
32 Winchester Special	KKSP	170	20	1,000	56
32 Remington	KKSP	170	20	1,000	55
32-40 Winchester	KKSP	170	20	1,000	54
35 Remington	SP	200	20	1,000	63
351 Winchester Self-Loading	SP	180	50	1,000	45
9 mm Luger	MC	124	50	2,000	55
38 Smith & Wesson	LEAD	145	50	2,000	64
38 Special	LEAD	158	50	2,000	71
38 Special Wad Cutter	LEAD	146	50	2,000	69
38-40 Winchester	SP	180	50	1,000	43
38-55 Winchester	SP	255	20	1,000	67
43 (11 mm) Mauser	LEAD	385	20	1,000	93
44-40 Winchester	SP	200	50	1,000	46
45 Colt	LEAD	250	50	2,000	108
455 Colt	LEAD	265	50	2,000	109

SP—Soft Point PSP—Pointed Soft Point PNEU—Pneumatic MC—Metal Cased
CPE—Copper Point Expanding KKSP—"Kling-Kor" Soft Point.

SHOT SHELLS

CODE	DESCRIPTION	Per Case	Approx. Case Wt. (Lbs.)
	IMPERIAL Game Loads:		
IL	12 GA. Special Long Range	500	64
ILX	12 GA. Magnum	500	70
IP	12 GA. Special Long Range	500	78
IT	16 GA. Special Long Range	500	55
IM	20 GA. Special Long Range	500	49
IZ	28 GA. Special Long Range	500	41
IR	410 GA. Special Long Range	500	26
IQ	410 GA. Special Long Range	500	34
	IMPERIAL Buckshot Loads:		
IL	12 GA. Special Long Range	500	64
IT	16 GA. Special Long Range	500	55
IM	20 GA. Special Long Range	500	49
	IMPERIAL Rifled Slug Loads:		
IL	12 GA. Special Long Range	500	58
IT	16 GA. Special Long Range	500	48
IM	20 GA. Special Long Range	500	42
IR	410 GA. Special Long Range	500	17
	MAXUM:		
LL	12 GA. Long Range	500	64
	CANUCK Game Loads:		
DSO	10 GA. Standard	500	64
DN	12 GA. Heavy	500	58
DA	12 GA. Standard	500	58
DAR	12 GA. Standard	500	58
DT	16 GA. Standard	500	50
DTR	16 GA. Standard	500	50
DM	20 GA. Standard	500	44
DZ	28 GA. Standard	500	35

For guns with short chambers, specify Rolled Crimp shells,—DAR for 12 ga., DTR for 16 ga.

	CANUCK Buckshot Loads:		
DSO	10 GA. Standard	500	64
DZ	28 GA. Standard	500	30
	TARGET (Trap & Skeet) LOADS:		
DE	12 GA. "Canuck" Trap and Skeet	500	57
DQ	12 GA. "Canuck" Skeet	500	58
DKT	16 GA. "Canuck" Skeet	500	51
DKM	20 GA. "Canuck" Skeet	500	45
IZ	28 GA. "Imperial" Skeet	500	41
IR	410 GA. "Imperial" Skeet	500	26
IQ	410 GA. "Imperial" Skeet	500	34

All shot shells packed 25 per box except Rifled Slug Loads—5 per Box.

MISCELLANEOUS LINES

DESCRIPTION	SHIPPING DETAILS			
	Per Box	Per Carton	Per Case	Approx. Case Wt. (Lbs.)
BLANK CARTRIDGES				
22 Short Rim Fire	50	500	10,000	21
32 Smith & Wesson Centre Fire	50	—	2,000	13
38 Smith & Wesson Centre Fire	50	—	2,000	22
BLANK SHOT SHELLS				
10 Gauge	25	—	500	36
12 Gauge	25	—	500	32
EMPTY PRIMED SHOT SHELLS				
12 Gauge	100	—	5,000	143
16 Gauge	100	—	5,000	119
20 Gauge	100	—	5,000	102
SHOT CARTRIDGES				
22 Long Rifle Rim Fire	50	—	10,000	63
44-40 Centre Fire	50	—	1,000	45
"SUPER-CLEAN" PRIMERS				
No. 1	100	1,000	10,000	9
No. 1½	100	1,000	10,000	10
No. 2½	100	1,000	10,000	13
No. 8½	100	1,000	10,000	14
No. 3B	100	1,000	10,000	17
No. 3-BP (with Battery Pocket)	100	1,000	10,000	24

Target shooting is fun!

. . . and best of all, it's a year-round sport.

Instead of hanging up your favourite shotgun or rifle at the close of each hunting season, you can enjoy SKEET or TRAP SHOOTING with your shotgun and TARGET SHOOTING with your rifle and revolver the year 'round.

If there is not already a club in your community, why not take the lead in organizing one? No major expense is involved and, by affiliating with provincial and national associations, your club members can test their skill in team and individual matches against other shooters in every part of Canada.

A letter to DOMINION MARKSMEN, P.O. BOX 10, MONTREAL, will bring you full details on your favourite form of shooting.

The 10 Commandments of Safety

1. Treat every gun with the respect due a loaded gun. This is the cardinal rule of gun safety.
2. Carry only empty guns, taken down or with the action open, into your automobile, camp, and home.
3. Always be sure that the barrel and action are clear of obstructions.
4. Always carry your gun so that you can control the direction of the muzzle even if you stumble.
5. Always be sure of your target before pulling the trigger.
6. Never point a gun at anything you do not want to shoot.
7. Never leave your gun unattended unless you unload it first.
8. Never climb a tree or a fence with a loaded gun.
9. Never shoot at a flat hard surface or the surface of water.
10. Do not mix gunpowder and alcohol.

CANADIAN INDUSTRIES (1954) LIMITED

AMMUNITION DIVISION

MONTREAL

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